

CLAIMS

- 1           1.       A medical instrument, comprising:  
2           a proximal handle;  
3           a sheath extending from the handle and including a lumen, the sheath including a  
4           distal end away from the handle; and  
5           a retrieval assembly comprising a proximal portion and a distal portion, the  
6           proximal portion comprising a first material, the distal portion comprising a second  
7           material that is different than the first material, the retrieval assembly and the sheath  
8           moveable relative to each other to achieve a collapsed position of the retrieval assembly  
9           in which the retrieval assembly is within the lumen of the sheath and another position of  
10          the retrieval assembly in which at least a portion of the retrieval assembly extends from  
11          the distal end of the sheath and assumes a three-dimensional shape out of the lumen of the  
12          sheath.
- 1           2.       The medical instrument of claim 1 wherein the retrieval assembly further  
2           comprise a plurality of legs.
- 1           3.       The medical instrument of claim 2 wherein the retrieval assembly  
2           comprises four legs.
- 1           4.       The medical instrument of claim 2 wherein a leg further comprises a  
2           proximal portion and a distal portion.
- 1           5.       The medical instrument of claim 4 wherein the leg comprises a joint for  
2           connecting the proximal portion and the distal portion of the leg.
- 1           6.       The medical instrument of claim 5 wherein the joint comprises a loop.
- 1           7.       The medical instrument of claim 5 wherein the joint comprises a hook.
- 1           8.       The medical instrument of claim 5 wherein the joint comprises a crimp.
- 1           9.       The medical instrument of claim 1 wherein the second material is more  
2           flexible than the first material.

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- 12 the distal end of the sheath and assumes a three-dimensional shape out of the lumen of the
- 13 sheath;
- 14 capturing material in the retrieval assembly; and
- 15 withdrawing the retrieval assembly with the captured material from the body.

Approved for Release